**sekhar 412-468-3648**

**UI Developersekhara432@gmail.com**

**Professional summary:**

* 7 years of experience in Design & Development of Enterprise Applications, Web Applications, and Web Services in Java/J2EE and related technologies.
* Extensive working experience within Design, Development, and Implementation in the field of Web Applications development using HTML, CSS, XHTML, DOJO UI, JavaScript, jQuery, Angular.js, Bootstrap, AJAX, XML, JSON, Restful web services and Responsive web designing.
* Experience with various MVC Java frameworks like Angular.JS, EXT.JS, jQuery, Backbone.JS, Node.JS, React.JS, Express JS, Ember JS.
* Developed Single page application with using AngularJS with MVC Framework.
* Developed front-end content using JSP, jQuery, Bootstrap, Node JS.
* Non-blocking way for single thread applications using NODE.JS.
* Establishing Restful API'S using NODE.JS.
* Work building single page apps with React/Redux/ES6, Node.jsbackend Database management.
* Expertise in Core Java concepts – Collection Framework, Exception Handling, IO, Serialization, Multi-threading, Concurrency.
* Experience in working on various Frameworks like Spring, Struts, JSF, EJB and ORM Technology like Hibernate, and IBatis, which implements JPA
* Good knowledge of Spring Core, spring batch, Spring security, spring boot, spring MVC and spring's integration with Hibernate and Struts technologies
* Experience in Service Oriented Architecture (SOA), Web Services design development and deployment using WSDL,REST, UDDI, JAXP, JAXB, SAX, DOM, XSLT, Apache AXIS,SOAP Web Services.
* Proficient in using Object Oriented Programming Analysis and Design (OOAD) principles, UML and Rational Rose, Object Oriented Design Patterns in building high performance applications
* Experience in using JSP and Servlets to create web interfaces and integrating apache tools like Kafka.
* Worked on (JMS) MQ's like IBMMQ, Rabbit MQand Active MQ.
* Implemented business logic components using POJOs.
* Used karma and jasmine to do unit testing and end to end testing.
* Good knowledge with Grunt task runner and installed latest version of libraries with Bower based on running in the Node.js environment.
* Good Understanding of Document Object Model (DOM) and DOM Functions.
* Hands on experience with various Applications servers and Web servers (IBM Web Sphere Application Server, WebLogic, JBoss, and Tomcat).
* Well experience in Design and Development of database systems using RDBMS concepts including Oracle 8i/9i/10g/11g, PostgreSQL, MySQL and experience in writing SQL queries, PL/SQL, T-SQL, Stored procedures, prepared statements and triggers.
* Hands on experience using Drools Framework.
* Widely used Grunt and Gulp as an associate to Node JS to establish the connectivity between database and client.
* Proven knowledge in one or more NoSQL Document Store databases such as MongoDB, Cassandra.
* Skilled in using automated functional testing tools like Selenium and test driven development using JUnit and debug tools like log4j.
* Experience in writing Build Scripts using Shell Scripts, ANT, MAVEN and using CI (Continuation Integration) tools like Continuum, Jenkins and Hudson.
* Expertise in writing JUnit test cases using Junit Frameworks like Mockito, JMock.
* Knowledge onQuartz Schedulerfor tracking data from data base and updates back to the data base with latest tracking information.
* Development of schedulers for automatic document flow.
* Strong knowledge on working with Jasmine-Karma, Protractor for client side unit testing and Experience on working client side build tools like Grunt, Gulp with the use of package managers like Npm and Bower.
* Extensive experience in working on projects with Waterfall and Agile methodologies such as Test Driven Development (TDD) and SCRUM.

**Technical Skills:**

Web Application Development, Software Development, Project Coordination, Program Design/Implementation, Requirements Management, Unit and Integration Testing, Technology Integration, Program Documentation, Software Coding, Web Programming, Test Design and Execution, Software Implementation.

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| Languages/API | Java 4/5/6/7, Java/J2EE,JDBC, DTD, UML, MVC, Design Patterns, Shell Scripts, HTML, PHP, JavaScript, SQL and PL/SQL |
| Operating Systems | Windows, Unix and Linux. |
| Frameworks | Struts 1.x/2.0, Spring 2.x/3.0, Hibernate3.0/4.0. |
| Web Technologies | HTML, HTML5, XHTML, XSL, XML, XSLT, JavaScript, AJAX, JQuery, JSON, Bootstrap JSP, UI Concept Modeling/Wire framing, AngularJS, React JS,NodeJs. Backbone.JS |
| Web/Application Servers | Apache Tomcat 5.x/6.x/7.x/8.x, IBM WebSphere, BEA Web Logic 9.x/10.x/12.x, J-Boss 6.x/7.x |
| IDE’s | Eclipse, NetBeans, RAD and Rational Rose, Intellij 14.x/15.x, Spring Tool suite 2.x/3.x, Brackets, Atom |
| Database | Oracle 11i/11g/10g/9i/8i, SQL Server, My SQL, PL SQL, Sybase 12.5, DB2,MongoDB and Cassandra |
| Web Services | AXIS, SOAP, JJAX-RS, AX-WS, WSDL, JAX-P, JAX-B and Restful |
| Version Control | JIRA, CVS, Subversion, Clear Case, Git |
| Build Tool / plugin | ANT, Log4j and Maven 3.x, Jenkins 2.x |
| Testing Frameworks | Junit, JIRA |

**Educational Background: Bachelor’s degree in Computer Science and Engineering in 2009**

**JNTU, Kakinada - India**

**Professional Experience:**

**United health Care/Optum, Pittsburgh, PA March 2017- Present**

**UI Developer**

**Responsibilities:**

* Worked in an Agile environment delivering output in sprints and participating in scrums.
* Involved in designing, developing and testing the web application by using the HTML5, CSS3, Angular JS4, SaaS, Gulp, Node and React.JS
* Developed user interface by using the React JS, Flux for SPA development.
* Involved in designing the CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Created AngularJS 4 controllers and services.
* Used Angular JS 4 controller to control the client-side view rendering and support dynamic content in the Single page application.
* Developed the UI panels using JSF, XHTML, CSS, DOJO and JQuery.
* Called Rest web services through Angular JS 4 services to get JSON Object and modified the response object to display in UI.
* Built great user interfaces with Modern JavaScript Frameworks like React JS.
* Examined the Outage of power by developing maps using ARCGIS (ESRI maps).
* Implemented various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and redux library.
* Responsible for coding in Dojo UI framework and creating UI gadgets, Creating UI prototypes / modifying User Interface from user scenarios and use cases
* Used React-Router to turn application into Single Page Application.
* IOT(Internet of things) is used for testing in energy management in the case of input and output losses.
* Involved in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Coded Rest API for Product service using spring boot.
* Maintained states in the stores and dispatched the actions using redux.
* In Phase Two, worked closely with the Back-End team to display data using the Custom Components, library Components, and Redux.
* Developed all the page styles by using Bootstrap and SASS instead of CSS to gain a better structure of the stylesheets for a maintain purpose
* Establishing Restful API'S using Node.JS
* Working with ECMA Script 6 features. For build of JSX and ES2015(ES6) used Babel, web pack.
* Used Middleware, Redux-Promise in application to retrieve data from Back-End and to also perform RESTFUL services.
* Used JavaScriptES6 in Node.js runtime environment to build RESTful APIs and import data.
* Utilized React for its efficient data flow architecture to create a lightweight and render efficient web app that searched projects via the GitHub API through keywords.
* Used Object Oriented Programming concepts to develop UI components that could be reused across the Web Application.
* ZigBee is used in testing reduce power consumption and lower energy bills, it also indirectly helps in reducing carbon emissions.
* Used Maven app builder to build mobile application using Bootstrap.
* Used Git for version controlling and regularly pushed the code to GitHub, Used for source code maintenance.
* Worked on data base MongoDB and Performed CRUD operations like Update, Insert and Delete data
* Application backend implemented as Node.js application server.
* Installed WebSphere Server for handling HTTP Request/Response. The request and response from the client are controlled using Session Tracking in JSP.
* Used Mocha and chai as JavaScript testing frameworks for writing test cases for our application
* Involved in production bug fixes, analyzing and improving overall application performance Using Mocha and Chai.

**Environment:** HTML 5, CSS3, Sass, JavaScript, Angular JS4, React JS, SAAS, DOJO,Bootstrap, Redux, Flex, Git hub, Restful API, Mongo DB, Mocha, Chai, Web pack, Maven, Node package Manager, Gulp.

**Harman/Samsung Mountain View, CA April 2015- Feb 2017**

**UI Developer**

**Responsibilities:**

* Created interactive web pages and applications by usage of HTML, CSS, Angular JS, NodeJS and JQuery.
* Created AngularJScontrollers and services.
* Used Angular JS controller to control the client-side view rendering and support dynamic content in the Single page application.
* Called Rest web services through Angular JS 2 services to get JSON Object and modified the response object to display in UI.
* Experience building UI widgets like layouts forms grids etc using Dojo modular JS library.
* Built great user interfaces with Modern JavaScript Frameworks like React JS.
* Worked on creating Single Page Applications using EmberJS framework
* Did analysis and research about BackboneJS and implemented prototype in BackboneJS on the profile page module.
* Used DOJO for Ajax Support and used JSON for DOM objects
* Used Backbones to create Views to hook up models to the DOM and synchronize data to/from server.
* Made AJAX calls using Backbone JS for getting the data and parsing it for showing on the web page.
* Involved actively in designing web page using HTML, Backbone, AngularJS, JavaScript, Bootstrap and CSS
* Used Spring framework and J2EE components, Utilized Spring MVC, IoC, AOP and DAO modules. Developed controller classes, backend processes, complex services and database interaction Added security for service layer methods using Spring Security.
* Involved in the JMS Connection Pool and the implementation of publish and subscribe using Spring JMS.
* Build and configure a virtual data center in the Amazon Web Services cloud to support Enterprise Data
* Troubleshooting technical issues and drive issue escalation with AWS Service teams
* Implemented continuous integration using Docker.
* Managed and improved production docker.
* Used the Rest Templates in the spring services to call the rest web services.
* Used Web Services (SOAP & WSDL) to exchange data between portal and other modules.
* Created the spring Bean Factory for initializing services.
* Coded Rest API for Product service using spring boot.
* Coded soap and Rest web services using spring boot to rewrite existing application to micro web application.
* Used Hibernate, object relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
* Involved in creating the Hibernate POJO Objects and mapped using Hibernate Annotations.
* Integrated spring with Hibernate using configurations and implemented DAO layer to save entities into data base.
* Extensively used Hibernate ORM in data access layer to write DAOs. Developed hibernate mapping and Configuration files.
* Developed all the page styles by using Bootstrap and SASS instead of CSS to gain a better structure of the stylesheets for a maintain purpose
* Involved in writing Oracle PL/SQL Stored procedures, triggers, and views.
* Worked on NoSql data base MongoDB and Performed CRUD operations like Update, Insert and Delete data
* Fetch data from mongo DB using mongoose of Node.js
* Establishing Restful API'S using NODE.JS
* Application backend implemented as Node.js application server.
* Followed strict patterns of RA team for unit test cases with mocha and jasmine.
* Designed and reviewed the test scenarios and scripts for given functional requirements and automated test cases in Selenium.
* Created functions for different selenium locator types.
* Installed node.js and utilized the npm with Grunt for the build.
* Used Gradle tool for dependency management and used Jenkins for continues integration.
* Installed WebSphere Server for handling HTTP Request/Response. The request and response from the client are controlled using Session Tracking in JSP.
* Extensively used the LOG4j to log regular Debug and Exception statements.
* Written client interfaces and implementation classes to consume the web services.
* Used Eclipse as the IDE and used eclipse standard/plug-in features for editing, debugging, compiling, formatting, build automation, test case template generation, accessory code generation, and version control GIT.
* Wrote unit testing codes using JUnit, resolved bugs and other defects using Firebug.
* Worked in an Agile environment delivering output in sprints and participating in scrums.

**Environment:**jQuery, Angular JS 2, Node JS, Backbone JS, React JS, Spring MVC, IOP, DOJO, Saas, Spring Batch, Eclipse, Oracle, JBoss, SOAP UI, AWS, EC2, JSP, JSF(Rich Faces), Servlets, JDBC, Hibernate, XML, Selenium, Jasmine, Karma, XSLT, CSS, DOM, Grunts, DHTML, Junit, GIT, Log4j, Oracle, UNIX, Maven, Jenkins, Agile Scrum.

**Jefferson Bank, San Antonio Texas Jan 2013 – March 2015**

**Java Developer & Web Developer**

**Responsibilities:**

* Involved in SDLC requirements gathering, analysis, design, development and testing of application developed using Agile methodology.
* Created user-friendly GUI interface and Web pages using HTML, Angular JS, JQuery, Ajax and Java script.
* Defined new validations through AngularJS for the form field validation implemented through HTML5.
* Used Spring MVC and Dependency Injection for handling presentation and business logic.
* To maintain loose coupling between layers published the business layer as services and injected the necessary dependent components using Spring IOC and published cross cutting concerns like Logging, User Interface exceptions, Transactions using Spring AOP.
* Involved in Integrating Spring DAO for data access using Hibernate.
* Used Spring Security for Authentication and Authorization of the application.
* Implemented persistence framework using Hibernate and handled Transaction Management using the provided data source.
* Extensively used JSON to parse the data from server side to satisfy the business requirement.
* Responsible for designing Hibernate mapping files based on business logic and Object relationships.
* Integrated Spring and Hibernate together and worked on developing backend components and services using Hibernate and spring.
* Developed Message Driven Bean for asynchronous sending Messages using JMS.
* Used Apache Axis Service Engine for creating and deploying Web Service clients using SOAP, WSDL.
* Used Web Services for creating rate summary and used WSDL and SOAP messages for getting useful plans from different module.
* Used Spring JMS module for lookup for the queues and MDBs for the listeners.
* Established Database Connectivity JDBC, Hibernate O/R mapping with Spring ORM for Oracle.
* Packaged and deployed the application in JBoss.
* Developed Stored Procedures, Triggers and Functions. Actively involved in tuning SQL queries, Stored Procedures, Triggers in Informix and JBoss fuse technologies.
* Written LINUX shell scripts to identify user login information.
* Used Log4J for application logging and notification tracing mechanisms.
* Used Maven tools for building and deploying the Web applications.
* Analysis and Bug fixing of the production problems and defects along with enhancements.
* Implemented JUNIT test cases for unit testing and Suites for end to end testing.
* Used JIRA for tracking the Project Stories in Agile Methodology.
* Used Tortoise SVN to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

**Environment:** HTML, CSS, JavaScript, Bootstrap, JQuery, AngularJS, JSON, XML, AJAX, Struts, Hibernate, Spring MVC, SOAP, WSDL, HQL, SQL, JBoss, Oracle, JMS, JNDI, Maven, RMI, IntelliJ, JIRA, JUNIT, Tortoise SVN, LINUX.

**Aviva Health Insurance, Hyderabad- India Oct 2010 – Nov 2012**

**Java Developer**

**Responsibilities:**

* Involved in the software development life cycle coding, testing, and implementation.
* Involved in application development based on J2EE platform using Model View Controller Architecture (MVC).
* Extensively worked with core java concepts like Interface and Threads.
* Used Rational Rose for UML diagrams such as Use Case Diagrams, Object Diagrams, Class Diagrams and Sequence Diagrams to represent the detailed design phase.
* Extensive use of Servlets, HTML and JSP for the presentation layer along with JavaScript for the client side validations.
* Developed front-end screens using JSP, JSTL, jQuery, DHTML, HTML and CSS.
* Data Operations were performed using Spring ORM wiring with Hibernate and Implemented Hibernate Template and criteria API for Querying database.
* Designed and developed JSP pages using Spring MVC 3.0 framework.
* Integrated Hibernate ORM framework with spring framework for data persistence and transaction management.
* Developed API for using AWS Lambda to manage the servers and run the code in AWS.
* Responsible for implementing all the business logic in the middle-tier using Java classes, EJBs.
* Setup the Struts framework and validation framework and error pages for future events application.
* Identified and implemented the user actions (Struts Action classes) and forms (Struts Form classes) as a part of Struts framework.
* Creation of the Java classes for the WSDL using JAX-WS and testing using SOAP UI.
* Used JUnit to write repeatable tests (regression testing), mainly for unit testing.
* Used Log4j logging API for debugging and monitoring purposes.
* Performed system analysis and design using OOA/OOD and UML diagrams.
* Used JDBC to connect to Oracle as database connection
* Involved in writing SQL queries, stored procedures, and modifications to existing database structure as required per addition of new features.
* Responsible for Production support of Application by proactively looking at production issues.

**Environment:** J2EE 1.3, JSP 1.2, Struts 1.2, EJB 3.0, Hibernate 3.0, JMS, JNDI, MySQL, MQ Series, My SQL, HTML, XML, ANT, WSDL, SOAP, SOA, Axis 1.3, ANT, Eclipse, Web Logic 8.1, LOG4J, CVS, JUnit, Windows.